

port compatible signals into the latter, said electronic means enabling essentially complete emulation of cursor control functions of a conventional mouse,

- e) said electronic means being fully compatible with and functionally operational with said existing mouse hardware of the computer and with the said existing mouse software that is installed in the computer.

23. The invention as set forth in claim 22, wherein:

- a) said computer, when operating with said mouse simulator, is devoid of additional interior hardware beyond said said existing mouse hardware.

24. The invention as set forth in claim 22, wherein:

- a) said computer, when operating with said mouse simulator, is devoid of additional software beyond said existing mouse software.

25. The method of installing a touchscreen device on a monitor of a computer having a mouse, said computer having internal existing mouse hardware and existing mouse software, said computer having a dedicated mouse port electrical connector receptacle for said mouse, said touchscreen device comprising a see-through touchscreen having a window and being adapted for use with a pointing means, and said touchscreen device comprising a microprocessor disposed wholly exterior of the computer and having a program installed in said microprocessor, the output circuit of said microprocessor having an electrical connector receptacle adapted to mate with the dedicated mouse

port electrical connector receptacle of the computer, said method comprising the steps of:

- a) installing said see-through touchscreen in front of the computer monitor with its window overlying it, so as to enable the computer monitor to be viewed therethrough,
- b) unplugging the mouse from the dedicated mouse port electrical connector receptacle of the computer,
- c) plugging the electrical connector receptacle of the touchscreen device into the dedicated mouse port connector receptacle of the computer, and
- d) feeding mouse-simulating signals from the programmed microprocessor through the electrical connector receptacle of the touchscreen device and into the dedicated mouse port electrical connector receptacle of the computer, said signals fully emulating those of said mouse, and said signals being under the direct control of the pointing means utilized with the see-through touchscreen,
- e) said method of installing the touchscreen device being devoid of the addition of hardware to the interior of the computer beyond said existing internal mouse hardware, and said method being devoid of the addition of software to the computer beyond said existing mouse software, and said method being devoid of substitution of alternate hardware or software in the computer in place of said existing mouse hardware and said existing mouse software of the computer.

* * * * *

35

40

45

50

55

60

65